

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
SANS5.355RAAPPLICATION NO.
UnknownINFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Masayoshi Nanami et al.FILING DATE
HerewithGROUP
Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
ECS	1,250,950	12/1917	Bolton			
	1,292,165	01/1919	Vincent			
	1,681,910	08/1928	Slaght			
	2,057,062	10/1936	Schneider			
	2,059,220	11/1936	Fernstrum			
	2,091,496	08/1937	Treen			
	3,280,805	10/1966	Müller			
	4,592,311	06/1986	Makino			
	4,592,329	06/1986	Yunick			
	4,634,392	01/1987	Nishida			
	4,773,883	09/1988	Nakase et al.			
	4,972,809	11/1990	Hirasawa			
	4,986,208	01/1991	Kobayashi			
	4,989,409	02/1991	Nakase et al.			
	5,136,990	08/1992	Motoyama et al.			
	5,172,786	12/1992	Ishibashi et al.			
	5,511,505	04/1996	Kobayashi et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	991667	10/1951	France				

EXAMINER
INITIAL

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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122999

EXAMINER

DATE CONSIDERED

10/5/00

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